

BY E-FILE AND FEDERAL EXPRESS

Mark D. Marini, Secretary
Department of Public Utilities
One South Station, 5th Floor
Boston, MA 02110

December 1, 2017

RE: D.P.U. 15-107, Town of Carver – 2017 Annual Report for Aggregation Program

Dear Secretary Marini:

Enclosed for filing on behalf of the Town of Carver in the above-referenced docket, please find the 2017 Annual Report for the Town's Community Electricity Aggregation Program.

Please let me know if you have any questions in regards to this submission.

Sincerely,



Scott J. Mueller
Counsel for Good Energy, L.P.

cc: Jeanne Voveris, Asst. General Counsel (email)

Elizabeth Lydon, Counsel (email)

Service List (email)

D.P.U. 15-107, TOWN OF CARVER MUNICIPAL AGGREGATION PLAN
ANNUAL REPORT TO THE
MASSACHUSETTS DEPARTMENT OF PUBLIC UTILITIES
December 1, 2017

I. BACKGROUND

On October 8, 2015, the Department of Public Utilities (Department) approved the Municipal Aggregation Plan of the Municipality pursuant to G.L. c. 164. The Department directed the Municipality to file an annual report with the Department on December 1 of each year. The Municipality hereby submits its annual report for 2017.

II. COMPETITIVE SUPPLIER

ConEdison Solutions, Inc. (CES) was the competitive supplier for the Municipality from January 1, through July 1, 2017. As the result of the sale of CES to Constellation NewEnergy, Inc. (CNE), the Electric Services Agreement (ESA) between CES and the Municipality was assigned to CNE and CNE began to provide supply service to the Municipality effective with customer's first meter reads after July 1, 2017.

Following a competitive solicitation in April 2017, the Municipality entered into a new ESA with Public Power LLC, for the provision of supply service for a three-year period following the expiration of the current ESA.

III. TERM OF THE ELECTRIC SERVICE AGREEMENT

The current ESA between the Municipality and CES, which has now been assigned to CNE, requires the competitive supplier to provide all-requirements power supply to participating customers for a two-year term. Under the ESA, which became effective when executed in November 2015, service to customers commenced on the date of the first meter read for participating customers after December 31, 2015, and is to continue through the first meter read after December 31, 2017. As noted above, the Municipality has entered into a new ESA with Public Power LLC, for the provision of supply service for a three-year period beginning with customer's first meter read after December 31, 2017.

IV. MONTHLY ENROLLMENT AND USAGE STATISTICS

Monthly enrollment and usage statistics from the January 2017 consumer meter read date to the latest date that data was available from the competitive supplier is included in Exhibit A. Please note that the monthly statistics are based on meter reads and the October 2017 data does not capture a complete month of enrollment and usage statistics.

V. RENEWABLE ENERGY OPTIONS

The Municipality offers a standard product that has the level of renewable energy required by the Massachusetts Renewable Portfolio Standard (RPS). The Municipality also offers an optional green program under which customers may purchase an additional 5% of renewable energy above the RPS requirement. Information regarding the price and content of the green option is shown in the sample information disclosure label included as Exhibit B.

VI. ALTERNATIVE INFORMATION DISCLOSURE STRATEGY

The Department approved a waiver of the requirement that the Municipality or its competitive supplier mail a quarterly distribution disclosure label to all customers and authorized an alternative information disclosure strategy. In developing and implementing the aggregation program, the Municipality has made available information about the program through a variety of means including postings at municipal buildings, public service presentations and postings on the program website. The Municipality's alternative disclosure strategy in the past year included the following:

- Provided information about the program and the price to be charged to the customer in the Customer Notification Letter mailed by the competitive supplier to all initial eligible customers and, thereafter, to all new eligible customers who move into the Municipality.
- Established a link to the www.masscea.com website maintained by aggregation consultant, Good Energy, L.P. This website provides information and updates about the program, including disclosure labels as required by 220 CMR 11.06(2)(b) through 11.06(2)(e). A new information disclosure label is posted quarterly and is available for review on the website until the next quarterly label is posted. A sample information disclosure label is included as Exhibit B.

EXHIBIT A

Account Count											
Count of Consumption											
Row Labels	201701	201702	201703	201704	201705	201706	201707	201708	201709	201710	
SERPEDD Carver Agg	3,847	3,835	3,838	3,916	3,938	4,049	4,045	3,932	3,782	3,754	
G1	432	426	433	444	446	492	489	477	435	437	
G2	1	1	1	1	1	1	1	1	1	1	
G5	1	1	1	1	1	1	1	-	-	-	
G7	24	24	27	30	30	31	29	28	28	28	
R1	2,761	2,758	2,754	2,816	2,837	2,898	2,907	3,191	3,098	3,063	
R2	319	319	314	313	319	318	311	10	3	3	
R3	159	157	157	160	152	157	157	183	177	183	
R4	23	23	23	23	22	23	23	-	-	-	
R5	85	85	87	87	88	86	86	2	-	-	
S1	42	41	41	41	42	42	41	40	40	39	

Account Consumption											
Sum of Consumption (kWh)											
Row Labels	201701	201702	201703	201704	201705	201706	201707	201708	201709	201710	Grand Total
SERPEDD Carver Agg	3,062,334	2,498,518	2,827,242	2,165,410	2,317,080	2,906,993	1,097,524	2,906,667	2,952,790	2,564,344	59,678,260
G1	359,742	301,099	316,457	279,056	295,994	324,066	84,752	342,253	334,950	319,439	7,133,807
G2	567	423	478	638	608	815	821	84	497	490	14,295
G5	948	728	916	276	48	10	4	-	-	-	5,798
G7	83,549	55,317	69,705	88,653	120,105	81,026	47,725	9,761	64,699	210,958	2,776,044
R1	1,987,403	1,597,769	1,846,823	1,380,910	1,523,579	2,058,829	800,134	2,409,385	2,402,937	1,902,395	40,208,755
R2	264,845	219,056	247,058	198,766	177,494	235,680	86,604	2,109	1,440	941	4,278,640
R3	225,297	203,687	213,730	126,656	110,932	111,073	42,209	138,863	144,059	125,267	3,261,485
R4	47,435	42,003	43,371	24,720	21,754	22,181	8,478	-	-	-	589,136
R5	86,316	73,838	84,066	61,834	62,806	69,170	25,297	380	-	-	1,310,444
S1	6,231	4,599	4,639	3,902	3,759	3,543	1,500	3,831	4,208	4,854	99,855

**Content label for Carver
Community Choice Electricity Supply Program**



ConEdison Solutions' customers are served through a regional power grid administered by the New England Independent System Operator. ConEdison Solutions supplies its customers with system power from this regional power grid, not from specific generating units. ConEdison Solutions procures renewable energy content to meet the Massachusetts renewable portfolio standard requirements and to supply voluntary green products chosen by customers. Information about ConEdison Solutions' renewable power content is shown below in the table on the right.

Generation Prices (cents per kilowatt hour)

Customer type	Standard Option (cents per kilowatt hour)	Greener Option (cents per kilowatt hour)	Period in effect
All Customers	0.0949	0.0978	Jan. 2016 – Jan. 2018 meter read

Generation prices do not include regulated charges for customer service and delivery. Those charges are billed by your local distribution company.

ConEdison Solutions October 31, 2017 Disclosure Label
Based on the most current data available at the time of filing.

New England System Mix	
Fuel	Percentages
Biogas	0.00%
Biomass	2.02%
Coal	3.36%
Diesel	1.21%
Digester gas	0.07%
Efficient Resource (Maine)	0.27%
Energy Storage	0.00%
Fuel cell	0.27%
Geothermal	0.00%
Hydroelectric/Hydropower	6.20%
Hydrokinetic	0.00%
Jet	0.02%
Landfill gas	0.57%
Municipal solid waste	1.10%
Natural Gas	39.47%
Nuclear	29.48%
Oil	7.55%
Solar Photovoltaic	1.90%
Solar Thermal	0.00%
Trash-to-energy	2.04%
Wind	2.79%
Wood	1.67%
Total	100.00%

Con Edison Solutions Power Attribute Content	
Carver Aggregation–Standard Option	
Source	Percentage
MA Renewable Portfolio Standard Requirements (includes Wind, Solar, Biomass, and other renewable resources pursuant to MA regulations)	22.34%
System Mix	77.66%
Total	100.00%

Carver Aggregation–Greener Option	
Source	Percentage
MA Renewable Portfolio Standard Requirements (includes Wind, Solar, Biomass, and other renewable resources pursuant to MA regulations)	22.34%
MA Class I Resource (Wind)	5.00%
Total	27.34%

Labor Information: ConEdison Solutions is unable to obtain information on how much of the electricity assigned to this electricity product came from power sources with union contracts with their employees. Additionally, ConEdison Solutions is unable to obtain information on how much of the electricity assigned to this electricity product came from power sources that used employees involving labor disputes during this period.

For further information contact:
Massachusetts Department of Energy Resources • 617-626-7300
• DOER.Energy@State.MA.US
• <http://www.mass.gov/eea/grants-and-tech-assistance/guidance-technical-assistance/agencies-and-divisions/doer/>

Massachusetts Department of Public Utilities
1-877-886-5066

ConEdison Solutions
1-855-788-9885
www.conedisonsolutions.com

Air Emissions

Emissions for each of the following pollutants are based on System Mix data provided by the New England Power Pool (NEPOOL) and ISO New England for the most current annual data available at the time of filing.

System average emission rates are based on the most current annual data available at the time of filing and were prepared for New England Power Pool (NEPOOL) by ISO New England.

Emissions data:

ConEdison Solutions

Emission Type	Lbs. per MWh
Nitrogen Oxides (NO _x)	0.748
Sulfur Dioxide (SO ₂)	0.916
Carbon Dioxide (CO ₂)	834.341

New Unit emissions data for CO₂ is 895 lbs/MWh; for NO_x is 0.055 lbs/MWh; for SO₂ is 0.011 lbs/MWh

Sulfur Dioxide (SO₂) is formed when fuels containing sulfur are burned, primarily coal and oil. Major health effects associated with SO₂ include asthma, respiratory illness and aggravation of existing cardiovascular disease. SO₂ combines with water and oxygen in the atmosphere to form acid rain, which raises the acid level of lakes and streams, and accelerates the decay of buildings and monuments.

Nitrogen Oxide (NO_x) is formed when fossil fuels and biomass are burned at high temperatures. NO_x contributes to acid rain and ground-level ozone (or smog), and may cause respiratory illness in children with frequent high level exposure. NO_x also contribute to oxygen deprivation of lakes and coastal waters which is destructive to fish and other animal life.

Carbon Dioxide (CO₂) is released when fossil fuels (e.g., coal, oil and natural gas) are burned. Carbon dioxide, a greenhouse gas, is a major contributor to global warming.

Notes

The NEPOOL system mix represents all resources used for electricity generation in the region. ConEdison Solutions purchases power from the NEPOOL system.